

FIG. 1

CAT. #	TARGET	BATCH*SPP.	n=	CONC.	%	†% INHIBITION	IC ₅₀	K _i	n _H	R
♦ 146000	PHOSPHODIESTERASE PDE1	43970 BOV	2	100 µM	57	100 ↓	127 µM			
♦		44167 BOV	2	1000 µM	45	50 ↓				
♦			2	300 µM	63	0 ↓				
♦			2	100 µM	49	100 ↓				
♦			2	30 µM	26	50 ↓				
♦			2	10 µM	8	0 ↓				
♦			2	3 µM	10	100 ↓				
♦	148000 PHOSPHODIESTERASE PDE2	43971 HUM	2	100 µM	27	50 ↓				
♦	152000 PHOSPHODIESTERASE PDE3	43972 HUM	2	100 µM	62	100 ↓	93.2 µM			
♦		44169 HUM	2	1000 µM	61	50 ↓				
♦			2	300 µM	71	100 ↓				
♦			2	100 µM	64	100 ↓				

*BATCH: REPRESENTS COMPOUNDS TESTED CONCURRENTLY IN THE SAME ASSAY(S).
 ♦ DENOTES ITEM MEETING THE CRITERIA FOR SIGNIFICANCE
 † RESULTS WITH ≥ 50% STIMULATION OR INHIBITION ARE BOLDFACED.
 (NEGATIVE VALUES CORRESPOND TO STIMULATION OF BINDING OR ENZYME ACTIVITY)
 R = ADDITIONAL COMMENTS
 BOV = BOVINE; HUM = HUMAN

FIG. 2A

CAT. #	TARGET	BATCH*SPP.	n=	CONC.	%	†% INHIBITION	IC ₅₀	K ₁	n _H	R
					-100 -50 0 50 100	↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓				
154000	PHOSPHODIESTERASE PDE4	44171 HUM	2	30 μM	36	36				
			2	10 μM	22	22				
			2	3 μM	2	2				
			2	100 μM	32	32				
156000	PHOSPHODIESTERASE PDE5	43974 HUM	2	100 μM	69	69				
		44172 HUM	2	1000 μM	50	50				
			2	300 μM	76	76				
			2	100 μM	60	60				
			2	30 μM	32	32				
			2	10 μM	18	18				
			2	3 μM	6	6				
156100	PHOSPHODIESTERASE PDE6	43975 BOV	2	100 μM	36	36				

127 μM

*BATCH: REPRESENTS COMPOUNDS TESTED CONCURRENTLY IN THE SAME ASSAY(S).
 ♦ DENOTES ITEM MEETING THE CRITERIA FOR SIGNIFICANCE
 † RESULTS WITH ≥ 50% STIMULATION OR INHIBITION ARE BOLDFACED.
 (NEGATIVE VALUES CORRESPOND TO STIMULATION OF BINDING OR ENZYME ACTIVITY)
 R = ADDITIONAL COMMENTS
 BOV = BOVINE; HUM = HUMAN

FIG. 2B

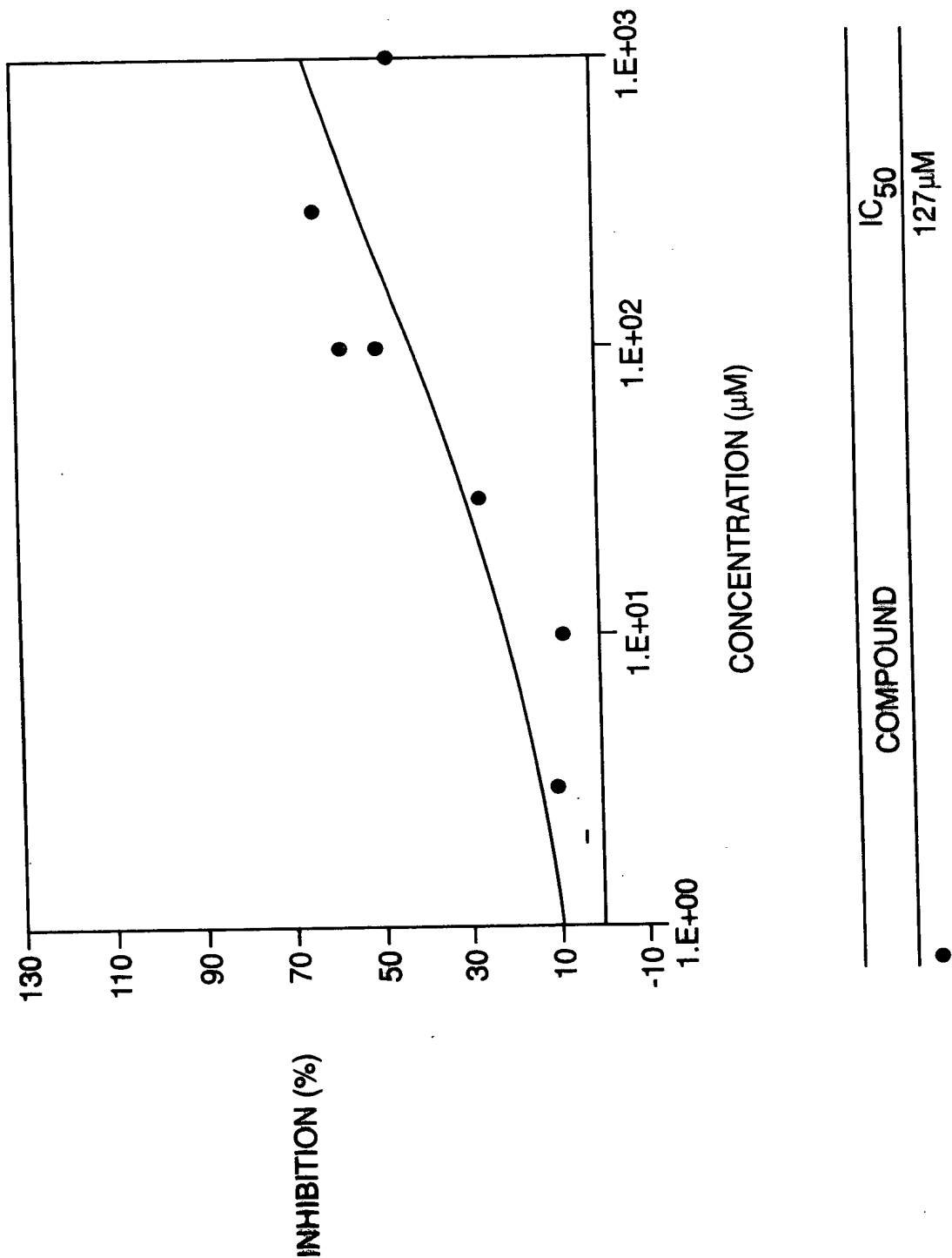
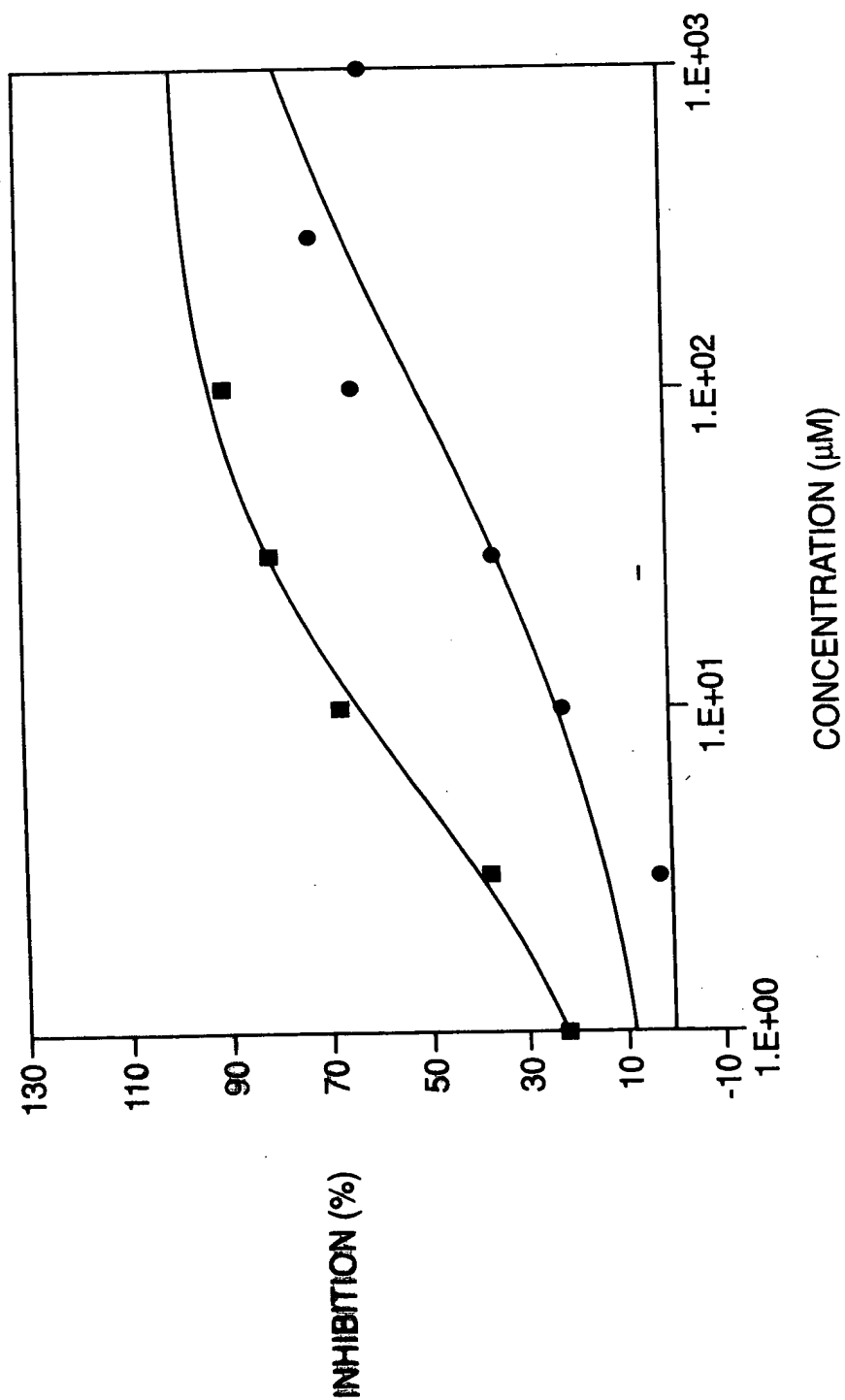
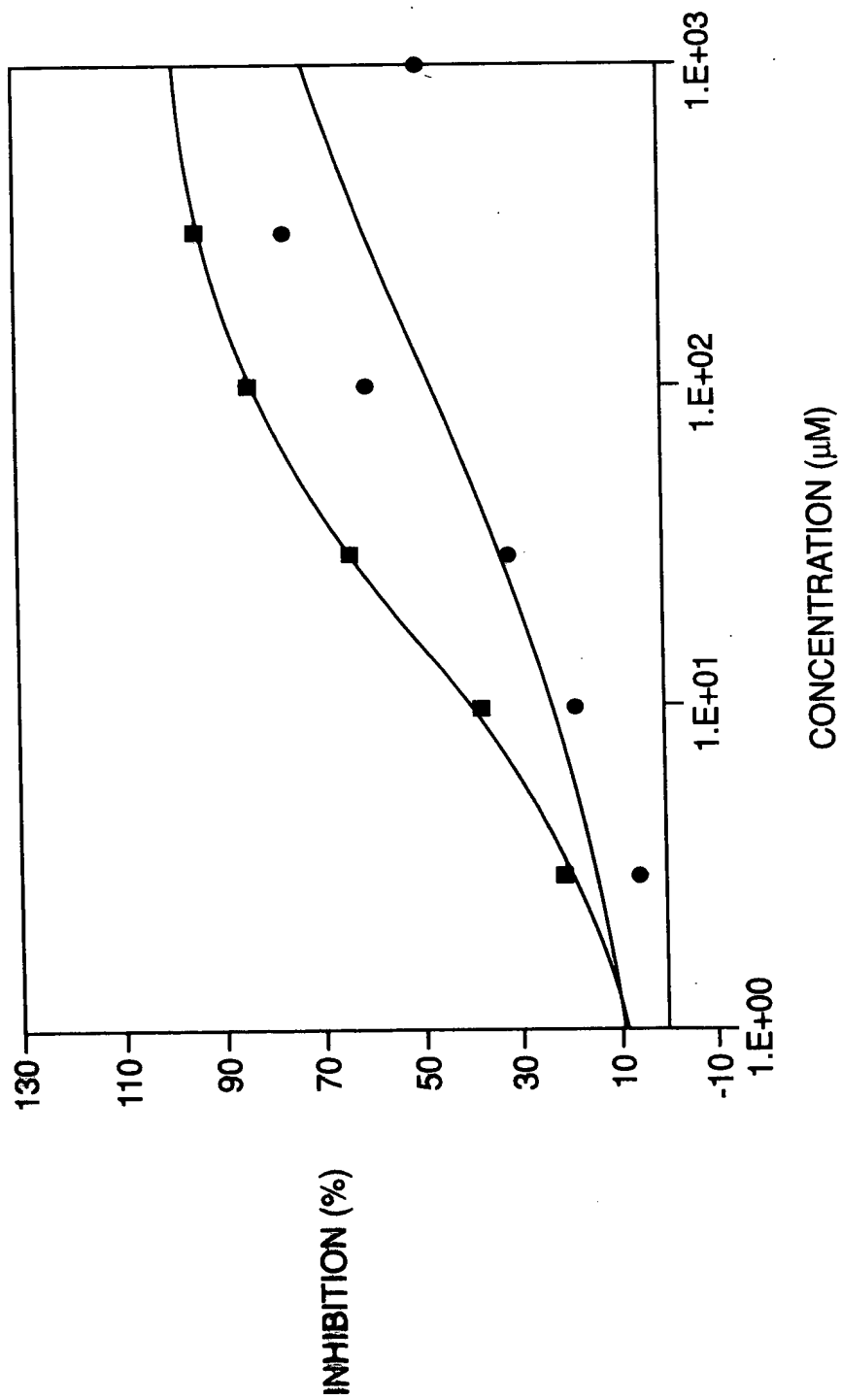


FIG. 3



COMPOUND	IC ₅₀
●	93.2 μM
■ IBMX	5.02 μM

FIG. 4



COMPOUND	IC_{50}
●	127 μM
■ IBMX	16.1 μM

FIG. 5

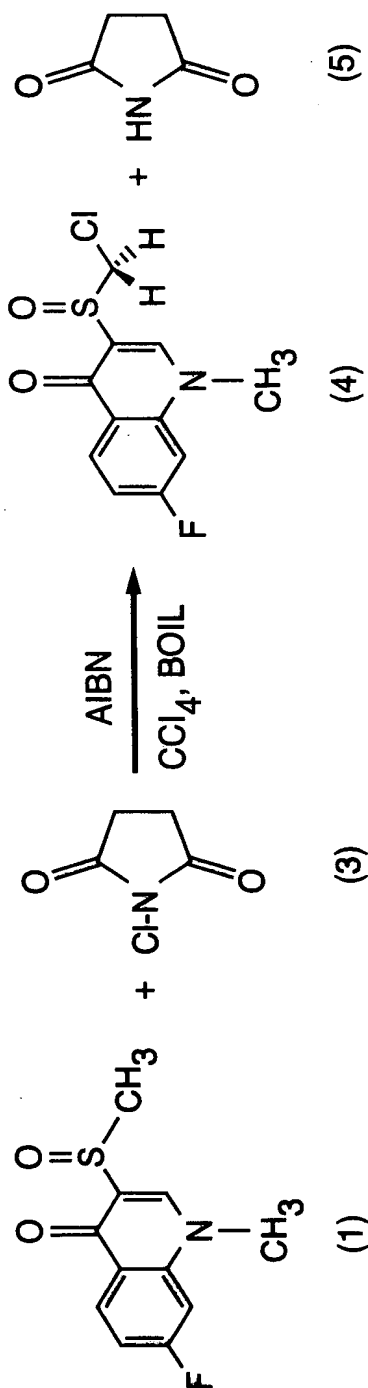


FIG. 6